

Combined+selecting+neighborhoods

Sijian Xuan

November 23, 2017

Weight threshold and read data

```
threshold = 50
n = 6
load("../output/webtrain_significance_weighting_n=10.Rdata")
### you gonna replace webtrain_significance_weighting_n=5.Rdata with the matrix which is the similarity
data = webtrain_a_matrix_10
data = matrix(1:100,10,10)
```

Standard: larger than threshold and max n is 5.

```
aaa<- function(x){
  a1<- x[order(-x)][1:n]*(x[order(-x)][1:n]>=threshold)
  a1[a1==0]<- NA
  res<- which(x %in% a1)[1:n]
  return(res)
}
t(apply(data, 1, function(x) aaa(x)))
```

```
##      [,1] [,2] [,3] [,4] [,5] [,6]
## [1,]    6    7    8    9   10   NA
## [2,]    6    7    8    9   10   NA
## [3,]    6    7    8    9   10   NA
## [4,]    6    7    8    9   10   NA
## [5,]    6    7    8    9   10   NA
## [6,]    6    7    8    9   10   NA
## [7,]    6    7    8    9   10   NA
## [8,]    6    7    8    9   10   NA
## [9,]    6    7    8    9   10   NA
## [10,]    5    6    7    8    9   10
```